AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A light-emitting diode having a light-emitting element fixed to a leadframe with a conductive adhesive material, the light-emitting element having a semiconductor layer including a light-emitting layer laid on a first surface of a translucent substrate, of which a second surface facing away from the first surface is used as a light emission observation surface,

wherein a side surface of the semiconductor layer is an inclined surface inclined relative to the first surface, and an angle between a normal to the inclined surface and a crystal surface on which the light-emitting layer grows is equal to an angle at which light emitted by the light-emitting layer is totally reflected toward the translucent substrate, and

wherein the semiconductor layer has a first-conductivity-type semiconductor layer and a second-conductivity-type semiconductor layer formed by laying a first-conductivity-type compound semiconductor and a second-conductivity-type compound semiconductor in this order from a translucent substrate side so that the first-conductivity-type semiconductor layer and the second-conductivity-type semiconductor layer are adjacent to each other with the light-emitting layer sandwiched in between, with an insulating member filling an opening formed in the second-conductivity-type semiconductor layer, with a vertical hole formed above the opening so as to penetrate the translucent substrate and the first-conductivity-type semiconductor layer, and with a conductive material formed along an inner wall surface of the vertical wall so as to conduct to the first-conductivity-type semiconductor layer.

2. (Currently Amended) The light emitting diode of claim 1, A light-emitting diode having

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a light-emitting element fixed to a leadframe with a conductive adhesive material, the light-emitting element having a semiconductor layer including a light-emitting layer laid on a first surface of a translucent substrate, of which a second surface facing away from the first surface is used as a light emission observation surface,

wherein a side surface of the semiconductor layer is an inclined surface inclined relative to the first surface, and an angle between a normal to the inclined surface and a crystal surface on which the light-emitting layer grows is equal to an angle at which light emitted by the light-emitting layer is totally reflected toward the translucent substrate, and

wherein the semiconductor layer has a first-conductivity-type semiconductor layer and a second-conductivity-type semiconductor layer formed by laying a first-conductivity-type compound semiconductor and a second-conductivity-type compound semiconductor in this order from a translucent substrate side so that the first-conductivity-type semiconductor layer and the second-conductivity-type semiconductor layer are adjacent to each other with the light-emitting layer sandwiched in between, with a vertical hole formed so deep as to penetrate the translucent substrate and reach the first-conductivity-type semiconductor layer but not to reach the second-conductivity-type semiconductor layer, [[and]] with a conductive material formed along the vertical hole so as to conduct to the first-conductivity-type semiconductor layer, and with a pad electrode closing the vertical hole and formed on part of the second surface of the translucent substrate so as to conduct to the conductive material.

- 3. (Cancelled)
- 4. (Currently Amended) The light-emitting diode of claim [[2]] 1, wherein the vertical hole

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is closed by a pad electrode formed on <u>part of</u> the second surface of the translucent substrate <u>so</u> as to conduct to the conductive material.

- 5. (Currently Amended) The light-emitting diode of claim 1 or 2, wherein the vertical hole is increasingly small with increasing depth.
- 6. (Currently Amended) The light-emitting diode of claim 1 or 2, wherein the conductive material is translucent.
- 7. (Currently Amended) The light-emitting diode of claim 1 or 2, wherein the angle is in a range from 40° to 50°.
- 8. (Currently Amended) The light-emitting diode of claim 1 or 2, wherein the inclined surface is coated with an insulating film.
- 9. (Currently Amended) The light-emitting diode of claim 1 or 2, wherein the semiconductor layer is formed of a gallium nitride compound.